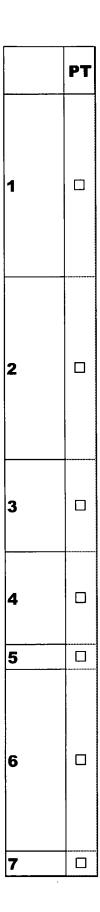
	Title	Current OR	Current XRef
1	Pickup head for a component assembly machine	29/740	198/428; 198/432; 29/739; 29/741; 29/743; 29/832; 29/834; 29/DIG.44
2	Automatic machine for assembling piles of packages, including copper laminae, to make plastic laminates from bands arranged serpentinewise	428/126	156/204; 156/223; 156/226; 156/227; 156/361; 156/379.7; 156/459; 156/580
3	Feeder and method of supplying a continuous strip of surface mount contacts to surface mounting equipment		221/74
4	Feeder and method of supplying a continuous strip of surface mount contacts to pick-and-place machine	İ	221/74; 414/810
5	Livestock hay storage/feeder	119/60	
6	Machine component installation device	29/792	198/473.1; 221/127; 29/33K; 29/35.5; 29/785; 414/223.01; 414/797.4; 414/797.8
7	COMPONENT FEEDING DEVICE		29/771

	Retrieval Classif	Inventor	s	С	P	lmage Doc. Displayed
1		Lundberg, Marten et al.	⊠			US 6247226
2		Ceraso, Bruno	×			US 5637376
3		Legrady, Janos	×			US 5605430
4		Legrady, Janos et al.	X			US 5449265
5		Halpin, Sharon K. et al.	⊠			US 5205241
6		Wickham, John L.	⊠			US 4715113
7		MITSUFUJI, FUMIO	Ø			JP 02132894 ZZ



L Number	Hits	Search Text	DB	Time stamp
-	0	29/740.ccls. and die adj holding adj	USPAT;	2002/07/25
		mechanism	US-PGPUB;	11:16
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	20	die adj holding adj mechanism	USPAT;	2002/04/17
			US-PGPUB;	11:43
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1	1998-530282.NRAN.	DERWENT	2002/04/17
	_			11:35
•	1	1987-048407.NRAN.	DERWENT	2002/04/17
	•			11:35
_	1	1980-L9754C.NRAN.	DERWENT	2002/04/17
	•			11:36
_	1	1980-L9754C.NRAN.	DERWENT	2002/04/17
_	•	1300-E373-O.HIRAH	DERVICER	11:36
_	0	5555925.URPN.	USPAT	2002/04/17
-	•	3333923.0RFN.	USFAI	11:38
	0	die adj holding same connection adj wires	USPAT;	2002/04/17
•		and shaft and needle	1	11:45
		and snart and needle	US-PGPUB;	11:45
			EPO; JPO;	
			DERWENT;	
		dia adi baldian assa abadi and nasdia	IBM_TDB	2000/04/47
•	2	die adj holding same shaft and needle	USPAT;	2002/04/17
			US-PGPUB;	11:52
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1	2001-277884.NRAN.	DERWENT	2002/04/17
				11:48
•	1	2001-277884.NRAN.	DERWENT	2002/04/17
	_			11:50
•	0	semiconductor adj die adj holding and shaft	USPAT;	2002/04/17
		and needle	US-PGPUB;	11:53
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	11	die adj holding and shaft and needle	USPAT;	2002/04/17
			US-PGPUB;	11:58
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
•	8	("3720309"   "3785507"   "3915784"	USPAT	2002/04/17
		"3988822"   "4253906"   "4312695"		11:55
		"4334945"   "4388399").PN.		
-	5	("3050617"   "3051026"   "3125906"	USPAT	2002/04/17
		"3192358"   "3442432").PN.		11:56

-	60	die same (holding or mounting) and	USPAT;	2002/04/17
		pushing and shaft and needle	US-PGPUB;	12:12
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
•	2	die adj holding and pushing and shaft and	USPAT;	2002/04/17
		needle	US-PGPUB;	12:30
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1369	apparatus and holding and pushing and	USPAT;	2002/04/17
		shaft and needle	US-PGPUB;	12:40
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	3	apparatus and holding and pushing and	USPAT;	2002/04/17
		shaft and needle and 29/740.ccls.	US-PGPUB;	12:46
		onan and necule and 23/1 79/6613.	EPO; JPO;	12.75
			1	
			DERWENT;	
		haldion adjust the size and (discounts a) and	IBM_TDB	0000/04/47
-	3	holding adj mechanism and (die or dice) and	USPAT;	2002/04/17
		pushing and shaft and needle	US-PGPUB;	12:48
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
•	10	holding adj mechanism and (die or dice) and	USPAT;	2002/04/17
		shaft and needle	US-PGPUB;	12:49
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	holding near2 mechanism and (die or dice)	USPAT;	2002/04/17
		and shaft and needle and 29/740.ccls.	US-PGPUB;	12:49
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	2	holding and mechanism and (die or dice)	USPAT;	2002/04/17
		and shaft and needle and 29/740.ccls.	US-PGPUB;	12:49
			EPO; JPO;	·
			DERWENT;	
			IBM_TDB	
-	1	holding and mechanism and (die or dice)	USPAT;	2002/04/17
	•	and shaft and needle and 29/759.ccls.	US-PGPUB;	12:49
		and shall and needle did 23//33.6615.	-	14145
			EPO; JPO;	
			DERWENT;	
		holding and machanism and the same	IBM_TDB	0000/04/4=
• .	0	holding and mechanism and (die or dice)	USPAT;	2002/04/17
		and shaft and needle and 29/760.ccls.	US-PGPUB;	13:25
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	

	3	4915565.pn.	USPAT;	2002/04/17
			US-PGPUB;	12:50
			EPO; JPO;	
			DERWENT;	
ļ			IBM_TDB	
_	3	("4372802"   "4494902"   "4759675").PN.	USPAT	2002/04/17
		,		12:50
-	6	("3274038"   "3785507"   "3793123"	USPAT	2002/04/17
		"4290732"   "4375126"   "4410103").PN.		12:51
_	14	4915565.URPN.	USPAT	2002/04/17
				12:54
-	2	holding and mechanism same shaft and	USPAT;	2002/04/17
		needle and 29/760.ccls.	US-PGPUB;	13:26
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	53	holding and mechanism same shaft and	USPAT;	2002/04/17
		needle and 414/\$.ccls.	US-PGPUB;	13:26
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	160	holding and mechanism same shaft and	USPAT;	2002/04/17
		needle and 74/\$.ccls.	US-PGPUB;	13:27
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	76	holding and mechanism same shaft and	USPAT;	2002/04/17
		needle and 156/\$.ccls.	US-PGPUB;	13:27
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	6	(holding and mechanism same shaft and	USPAT;	2002/04/17
		needle and 29/\$.ccls.) and (holding and	US-PGPUB;	13:27
		mechanism same shaft and needle and	EPO; JPO;	
		74/\$.ccls.)	DERWENT;	
	400	holding and machanism some staff and	IBM_TDB	2002/04/47
•	108	holding and mechanism same shaft and	USPAT;	2002/04/17
		needle and 29/\$.ccls.	US-PGPUB;	13:31
			EPO; JPO;	
			DERWENT;	
_	2	die adj holding and mechanism same shaft	IBM_TDB USPAT;	2002/04/17
<u>-</u>		and needle and 29/\$.ccls.	US-PGPUB;	13:31
		and needle and Lopiculs.	EPO; JPO;	13.31
			DERWENT;	
			IBM_TDB	
•	2	die adj holding and mechanism same shaft	USPAT;	2002/04/17
	[	and needle and 29/\$.ccis.	US-PGPUB;	13:36
		and needle did 20/4100131	EPO; JPO;	
	1		1 -	
			DERWENT;	

			_	
-	2	6010247.pn.	USPAT;	2002/04/17
			US-PGPUB;	13:36
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	trinh.xa	USPAT;	2002/07/25
			US-PGPUB;	11:17
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	1766	trinh.xa.	USPAT;	2002/07/25
			US-PGPUB;	11:17
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	0	minh adj trinh.xa.	USPAT;	2002/07/25
		way siminate	US-PGPUB;	11:17
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	0	(minh adj trinh).xa.	USPAT;	2002/07/25
-		(minin auj trinin).xa.	US-PGPUB;	11:17
			-	11537
			EPO; JPO;	
			DERWENT;	
	450	,	IBM_TDB	2000/05/05
<del>-</del>	159	(minh and trinh).xa.	USPAT;	2002/07/25
			US-PGPUB;	11:35
			EPO; JPO;	
	1		DERWENT;	
			IBM_TDB	
-	31	("3308977"   "4293998"   "4346514"	USPAT	2002/07/25
		"4403726"   "4507862"   "4567652"		11:19
		"4599026"   "4611397"   "4631812"		
		"4733459"   "4862578"   "4872258"		
		"4917561"   "4955653"   "4995157"		
		"5029383"   "5035316"   "5105528"		
		"5201696"   "5337465"   "5452824"		
		"5456510"   "5458388"   "5649356"		
		"5733093"   "5739846"   "5743001"		
		"5852869"   "6105753"   "6116822"		
		"6126376"   "2001/0008042").PN.		
-	12	("2819788"   "2872019"   "3240332"	USPAT	2002/07/25
		"3729090"   "3786912"   "3845857"		11:26
		"4275978"   "4809843"   "5285890"		
		"5462155"   "5489019"   "5630497").PN.		
-	10	("3165139"   "3460230"   "3523316"	USPAT	2002/07/25
		"3664173"   "4178679"   "4182030"		11:29
		"4236302"   "4721228"   "5511307"		
		"5930891").PN.		
-	2	("5307550"   "5498942").PN.	USPAT	2002/07/25
				11:33

			1	
-	0	(tugbank).xa.	USPAT;	2002/07/25
			US-PGPUB;	11:35
			EPO; JPO;	
	,		DERWENT;	
			IBM_TDB	
-	0	(dexter and tugbank).xa.	USPAT;	2002/07/25
			US-PGPUB;	11:35
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	125	(dexter and tugbang).xa.	USPAT;	2002/07/25
			US-PGPUB;	11:51
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
<b>-</b>	3	("5516251"   "5649356"   "5796616").PN.	USPAT	2002/07/25
			1	11:39
	5	(rick and chang).xa. and component near	USPAT;	2002/07/25
	_	feeder	US-PGPUB;	12:04
			EPO; JPO;	· <del></del> -
			DERWENT;	
		-	IBM_TDB	
_	8	("4438559"   "4610083"   "4670976"	USPAT	2002/07/25
_		"4768915"   "4952113"   "5299902"	JOIAI	11:59
		"5539977"   "5628107").PN.		11.55
	7	(carl and arbes).xp. and component near	USPAT;	2002/07/25
-	•	feeder	US-PGPUB;	12:06
		reeuer	EPO; JPO;	12:00
			DERWENT;	
			1	
	5	/!!400000!!   !!E220002!!   !!E20E4E2!!	IBM_TDB USPAT	2002/07/25
-	3	("4999909"   "5329692"   "5365452"	USPAI	12:05
	40004	"5743001"   "5778525").PN.	HEDAT.	2002/07/25
-	162224	29/\$.ccls. component near feeder and	USPAT;	
		locking adj device	US-PGPUB;	12:07
			EPO; JPO;	
			DERWENT;	
		00/0	IBM_TDB	0000/07/07
•	3	29/\$.ccls. and component near feeder and	USPAT;	2002/07/25
		locking adj device	US-PGPUB;	12:13
			EPO; JPO;	
			DERWENT;	•
			IBM_TDB	
•	3	414/\$.ccls. and component near feeder and	USPAT;	2002/07/25
		locking adj device	US-PGPUB;	12:14
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
•	7	component near feeder and locking adj	USPAT;	2002/07/25
		device	US-PGPUB;	12:14
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	

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5			US 5205241 A	19930427	10
6			US 4715113 A	19871229	13
7			JP 02132894 A	19900522	2